ERA LABORATUVARLARI A.Ş.

ERA Fire Test Laboratory

Accredited Body
Nr: AB-0330-T

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

Sponsor	: SOM KAĞIT VE KARTON İŞLEME SAN. VE TİC. A.Ş. Esentepe Mah. Yakacık Cad. Muallim Sedat Bey Sok. Kartal, İSTANBUL /TURKEY
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Product name	: DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER
Classification report No.	: ERA - 15 - 011
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1. INTRODUCTION

This classification report defines the classification assigned to " *DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER* " in accordance with the procedures given in EN 13501-1:2007+A1:2009.

2. DETAILS OF CLASSIFIED PRODUCT

2.1. General:

DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER is defined as a "type of classified product".

2.2. Description:

DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER is fully described in the test reports in support of the classification listed in clause 3.

Manufactured Plant: SOM KAĞIT VE KARTON İŞLEME SAN. VE TİC. A.Ş.

Esentepe Mah. Yakacık Cad. Muallim Sedat Bey Sok. Kartal, İSTANBUL / TURKEY

Tested product types:

Product Name	Mass per unit area	Thickness	Mass per unit area of adhesive
DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER	250 gr/m²	350 µ	20 gr / m²

3. REPORTS AND RESULTS IN SUPPORT OF CLASSIFICATION

3.1. Reports

Name of laboratory	Name of sponsor	Report ref. no.	Test method and date Field of application rules and date
ERA LABORATUVARLARI A.Ş.	SOM KİMYA SAN. VE TİC. A.Ş.	FTST15047	EN 13823:2010+A1:2014
		FTST15048	EN ISO 11925-2:2010
		FTST15049	EN ISO 11925-2:2010

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3.2. Results

Test method	Parameter	Number of test	Results	
			Continuous parameter mean (m)	Compliance parameters
TS EN ISO 11925-2 Flame exposition: 30 s	$Fs \leq 150$ mm (1) ignition of filter paper (1) $Fs \leq 150$ mm (2) ignition of filter paper (2)	6 6 6 6	(-) (-) (-) (-)	Yes No Yes No
TS EN 13823	$FIGRA_{0,2\ MJ}$ (W/s) LFS > kenar $THR_{600\ s}$ (MJ)	3 3 3	85,9 (-) 1,6	(-) No (-)
	SMOGRA (m^2/s^2) $TSP_{600\ s}$ (m^2)	3 3	16,2 44,3	(-) (-)
	Flaming droplet(s)/particle (s)	3	(-)	No

(-): Not applicable
(1): Surface flame attack
(2): Edge flame attack

Test method	Parameter	Parameter	Compliance parameters
TS EN ISO 11925-2	Fs ≤ 150 mm ignition of filter paper	Yes No	Yes (B – D) No (d0)
TS EN 13823	$FIGRA_{0,2MJ}$ [W/s]	85,9	≤ 120 **(B)**
	THR_{600s} [MJ]	1,6	≤ 7,5 (B)
	LFS < kenar	(-)	Yes (B)
	SMOGRA [m^2/s^2]	16,2	30 ≤ **(s1)**
	TSP_{600s} [m^2]	44,3	50 ≤ **(s1)**
	Flaming droplet(s)/particle (s)	No	No (d0)

(-): Not applicable

4. CLASSIFICATION AND FIELD OF APPLICATION

4.1. Reference of classification

This classification has been carried out in accordance with the clauses 11.6, 11.9.2 and 11.10.1 of EN 13501-1:2007+A1:2009

4.2. Classification

DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER, in relation to their reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0

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The format of the reaction to fire classification for *DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER is*:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

Reaction to fire classification: B-s1,d0

4.3. Field of application

This classification are valid for the following product parameters:

Product Name	Mass per unit area	Thickness	Mass per unit area of adhesive
DECONIX MARKALI DUVAR KAĞIDI /DECONIX WALLPAPER	250 gr/m²	350 µ	20 gr / m²

The classification is valid for the following end use applications;

- Applications glued on mineral carrier with have reaction to fire class of A1 and A2 in accordance with TS EN 13501-1.

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5. LIMITATIONS

5.1 Restrictions

This classification report is valid provided that the technical specifications of product are within the limits in accordance with the field of application clause 4.3.

5.2 Warning

This classification document does not represent type approval or certification of the product.

Signed:

ERA LABORATUVARLARI A.Ş. ERA

Approved:

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Gülden YÜZER
Person in the charge of tests

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Onur DAĞ
Laboratory Manager